

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 6:02 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 103 Const Calendar Day: 637 Date: 07-Jun-2011 Tuesday

Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Intermittent

Shift Hours: 07:00 AM 04:30 PM Break: 00:30 Over Time: 01:00

Federal ID:

Location:

Reviewer: Soheilifard, Saman Approved Date: 26-Jun-11 Status: Approved

**04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge****Weather**

Temperature 7 AM 12 PM 4PM

Precipitation Condition

Working Day ☒ If no, explain:**Diary:**

Dispute

Tower Activities

Electroslag welding (ESW):

Today they were setting up to do the 4th ESW weld. It was on the T joint that connects shear plate b2W to the West shaft. The following is a list of activities for this operation:

- The weld joint was cleaned of rust by the use of a wire wheel.
- The blocks in the starting sump were installed and welded into place.
- QC & QA did a joint inspection of the fit-up. The root gap was within the WPS for the entire length.
- Run-off tabs were welded at the top of the joint.
- Unistruts for attaching the cooling shoe clamps were installed on both sides of the weld joint.
- Supports for access ladders were being tack welded into place.

On the 1st ESW weld (b2W-to-South shaft), some surface defects were corrected by grinding and minor surface repair welding.

9m external diaphragm welding:

- On plate 9m-East-Outer, welding continued today on the perimeter PJP welds.
- On plate 9m-East-Inner, welding was completed today on the perimeter PJP welds.

Meeting:

I attended the weekly QC-QA meeting from 10:00 until 11:00. Attending were J. Callaghan, C. Kanapicki, J. Bowers, and L. Cross from ABF, and P. Jefferson, B. Levell, N. Choy, and myself from Caltrans. The following Tower related topics were discussed:

- Upcoming schedule: The next ESW weld is scheduled for tomorrow. They plan to work 6 days per week, and try to perform 3 or 4 ESW welds per week. Also, if they continue lagging on the schedule, then they may start working 7 days per week.
- Arrival inspection for the Tower head and skirt will be sometime late this week.
- Access around the ESW work: ABF expressed concern that there are too many people wanting to watch when the ESW welding is in progress, and that they may get in the way of the work or accidentally interfere with the equipment. We commented that we understand the space is limited, and that an accidental stoppage of the weld would have major impacts. This applies to ABF personnel as well as Caltrans, only those people who need to be there should be present (workers, inspectors, etc).
- UT procedure for the ESW welding: ABF gave a bootleg of the UT procedure to Mertz for review, and they will submit the procedure as soon as they get some feedback from him and make any needed corrections.

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Job Name: 04-0120F4

Inspector Name: Wright, Doug

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Date: 07-Jun-2011

Tuesday

04-0120F4 Bid Item: 053 T-L01-SPD.053 Tower Lift 01 Shear Plates and Diaphragms

AMERICAN BRIDGE/FLUOR, A JV

Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
Contractor: AMERICAN BRIDGE/FLUOR, A JV								
Ironworker	APP	Alex Blanco	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	APP	DEVAN MURPHY	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	APP	JEREMY DOLMAN	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	APP	JEFFERY SOUZA	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	FOR	RORY HOGAN	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	RICHARD GARCIA	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	FOR	HUA QIANG HUANG	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	FOR	JAMES ZHEN	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	JNM	WAI KIT LAI	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	JNM	XIAO JIAN WAN	8.00	0.00	0.00	8.00		<input type="checkbox"/>